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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/723,236	11/28/2000	Ho Soo Lee	YOR9-2000-0713US1	5916
30743	7590	12/20/2004	EXAMINER	
WHITHAM, CURTIS & CHRISTOFFERSON, P.C. 11491 SUNSET HILLS ROAD SUITE 340 RESTON, VA 20190			FULTS, RICHARD C	
			ART UNIT	PAPER NUMBER
			3628	

DATE MAILED: 12/20/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/723,236

Applicant(s)

LEE ET AL.

Examiner

Richard Fults

Art Unit

3628

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 September 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-46 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-46 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

An amendment has been received which has added claims 32-46. Consequently claims 1-46 are now presented for examination on their merits. The 101 rejection has been removed.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 1-46 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kinney et al (U.S. 6,564,192) (hereinafter Kinney) in view of Equis International, MetaStock Professional, 1999 (hereinafter Meta).

Kinney discloses (see at least columns 1-20) the steps, methods, codes, and systems of purchasing products and services over a network comprising the steps of submitting a Request for Quotation (RFQ) with at least one attribute over the network (104), including;
receiving at least one bid in response to the RFQ over the network, each of the at least one bid
having at least one attribute value associated therewith (col.3, line 1-40);
creating a graphical visual interface based on a Cartesian coordinate system, the graphical user interface showing a relationship in a graphical format between the at least one attribute and the at least one bid and associated attribute value in a single display (fig.6);

Art Unit: 3628

displaying information pertinent to a selected bid of the at least one bid (fig.6); wherein the graphical format are sell bid lines representative of selected connected attribute values of the at least one bid (fig.6); wherein the information is one of a general information and detailed information related to the at least one bid (fig.6); selecting a portion of a selected sell bid line created from connected attribute values of the at least one bid; and retrieving the general or detailed information from a database, the general or detailed information being pertinent to the selected sell bid line (col.3, line 1-co1.4, line 53); and >wherein the retrieved general information is provided in a window adjacent the selected sell bid line (58).
a system comprised of a database, RFQ input process, bid input process, data preparation process, data management process, data rendering process, data control process, and a graphical visual interface (cols. 1-20).
Kinney does not teach his graph of bids as being interactive.

Meta teaches a comprehensive data storage, data manipulation, and **interactive** graphical visual system used for financial data (see contents I-VII, pages 1-2, 39, 99-127, and 223 (out of almost 700 pages)).

Because it would have provided a more comprehensive and efficient system of processing RFQs and their responses by using the Meta system for a graphical visual interface for Kinney's RFQ process it would have been obvious to one skilled in the art at the time of the invention to add the teachings of Kinney to those of Meta, and to add those of Meta to Kinney for the same reasons.

2. Response to Applicant's Arguments

Kinney teaches two or more attributes in both his RFQ and in their responses, because **it is inherent in both** that they must include at least **two** attributes: 1) the identification of the item being bid, 2) the quantity being bid, and in the response; 3) the price per quantity or in total, in order to be effective communications of the process.

Meta teaches the interactive aspect of the graphical visual display of bid prices, and has been combined by logical reasoning into Kinney.

3. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Richard Fults whose telephone number is 703-305-5416. The examiner can normally be reached on weekdays from 8:30 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hyung Sough, can be reached on (703)-305-0505. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-1113.


5. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published

Art Unit: 3628

applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

RCF

12/3/2004


FRANTZY POINVIL
PRIMARY EXAMINER
AC 3628